LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007714.D
Acq On : 19 Dec 2018 21:45
Operator : SY/AP
Sample : J6392-05
Misc : 6.05G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(7-9)

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.123	355	364	372	rBV2	2518	6842	1.60%	0.210%
2	4.910	483	493	507	rBV2	5764	19729	4.63%	0.605%
3	5.422	568	577	591	rBB5	2878	9658	2.26%	0.296%
4	6.867	807	814	826	rBB5	2818	9215	2.16%	0.282%
5	7.147	850	860	869	rBV2	4521	12391	2.91%	0.380%
6	7.885	972	981	985	rBV	49700	113058	26.51%	3.464%
7	7.946	985	991	999	rVV	127382	281452	66.00%	8.624%
8	8.031	999	1005	1017	rVB2	8934	22984	5.39%	0.704%
9	8.305	1043	1050	1060	rVB	43079	96499	22.63%	2.957%
10	8.476	1061	1078	1100	rBB2	44387	134401	31.52%	4.118%
11	8.842	1130	1138	1148	rBV	181782	357335	83.80%	10.949%
12	9.329	1208	1218	1223	rBV2	9073	20015	4.69%	0.613%
13	9.384	1223	1227	1234	rVB2	11213	20479	4.80%	0.627%
14	9.604	1254	1263	1270	rBB5	2388	5807	1.36%	0.178%
15	9.762	1281	1289	1300	rBB	24670	49609	11.63%	1.520%
16	9.896	1303	1311	1323	rBV2	20790	47919	11.24%	1.468%
17	10.079	1335	1341	1346	rBV3	3101	7357	1.73%	0.225%
18	10.250	1362	1369	1374	rBV2	8371	15365	3.60%	0.471%
19	10.323	1374	1381	1395	rVB	193616	339305	79.57%	10.397%
20	10.768	1446	1454	1461	rVV7	4222	11610	2.72%	0.356%
21	10.847	1463	1467	1473	rVB2	3274	5377	1.26%	0.165%
22	10.939	1474	1482	1488	rBV2	3494	6711	1.57%	0.206%
23	11.036	1488	1498	1508	rBV2	6459	17338	4.07%	0.531%
24	11.225	1523	1529	1535	rBV5	3352	7462	1.75%	0.229%
25	11.384	1551	1555	1560	rVV5	4118	7912	1.86%	0.242%
26	11.439	1560	1564	1572	rVB5	2972	6988	1.64%	0.214%
27	11.634	1587	1596	1603	rBV	249652	419175	98.30%	12.844%
28	11.701	1603	1607	1612	rVV2	3720	7082	1.66%	0.217%
29	11.878	1630	1636	1640	rVV5	7060	12763	2.99%	0.391%
30	12.067	1663	1667	1671	rBV3	3385	5699	1.34%	0.175%
31	12.140	1672	1679	1686	rVV4	5797	12010	2.82%	0.368%
32	12.250	1691	1697	1703	rVB4	3689	8678	2.04%	0.266%
33	12.341	1703	1712	1715	rBV7	5193	15128	3.55%	0.464%
34	12.622	1748	1758	1766	rVB	150213	252692	59.26%	7.743%

LSC Area Percent Report

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Operator : SY/AP
Sample : J6392-05
Misc : 6.05G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(7-9)

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Title : SW846 8260

35	12.707	1766	1772	1776	rBV7	3334	6416	1.50%	0.197%
36	12.853	1791	1796	1801	rBV6	2502	6309	1.48%	0.193%
37	12.945	1803	1811	1817	rVV8	3772	11466	2.69%	0.351%
38	13.140	1837	1843	1846	rBV4	1849	4266	1.00%	0.131%
39	13.560	1904	1912	1918	rBV	265037	426414	100.00%	13.066%
40	13.658	1923	1928	1936	rVB	24669	38926	9.13%	1.193%
41	13.884	1961	1965	1969	rBV4	4619	7500	1.76%	0.230%
42	14.030	1985	1989	1994	rBV6	3565	6449	1.51%	0.198%
43	14.079	1994	1997	2012	rVB5	4317	13161	3.09%	0.403%
44	14.213	2012	2019	2022	rBV6	2142	4675	1.10%	0.143%
45	14.274	2022	2029	2035	rBV6	5725	13348	3.13%	0.409%
46	14.353	2036	2042	2045	rVB	3723	6234	1.46%	0.191%
47	14.396	2045	2049	2050	rBV3	4185	5708	1.34%	0.175%
48	14.426	2050	2054	2060	rVB3	10368	18665	4.38%	0.572%
49	14.548	2060	2074	2077	rBV6	9849	24680	5.79%	0.756%
50	14.707	2094	2100	2105	rBV3	7126	12318	2.89%	0.377%
51	14.798	2109	2115	2123	rVB2	66711	114330	26.81%	3.503%
52	14.914	2131	2134	2140	rVB4	2620	5057	1.19%	0.155%
53	15.005	2140	2149	2154	rBV7	3113	7456	1.75%	0.228%
54	15.072	2154	2160	2163	rVV5	6830	11626	2.73%	0.356%
55	15.109	2163	2166	2173	rVV6	8181	20827	4.88%	0.638%
56	15.182	2173	2178	2186	rVB2	20065	46181	10.83%	1.415%
57	15.328	2197	2202	2209	rVB3	7205	15435	3.62%	0.473%
58	15.408	2209	2215	2221	rBV8	2029	4457	1.05%	0.137%
59	15.475	2221	2226	2230	rBV3	5036	8348	1.96%	0.256%
60	15.536	2230	2236	2239	rBV6	4715	8880	2.08%	0.272%
61	15.810	2274	2281	2288	rVB7	3021	7532	1.77%	0.231%
62	15.908	2288	2297	2300	rVV7	2181	5652	1.33%	0.173%
63	15.956	2300	2305	2312	rVV2	9770	18970	4.45%	0.581%
64	16.036	2312	2318	2327	rVB6	3335	8269	1.94%	0.253%
65	16.182	2334	2342	2348	rBV4	3503	8041	1.89%	0.246%

Sum of corrected areas: 3263641

LSC Report - Integrated Chromatogram

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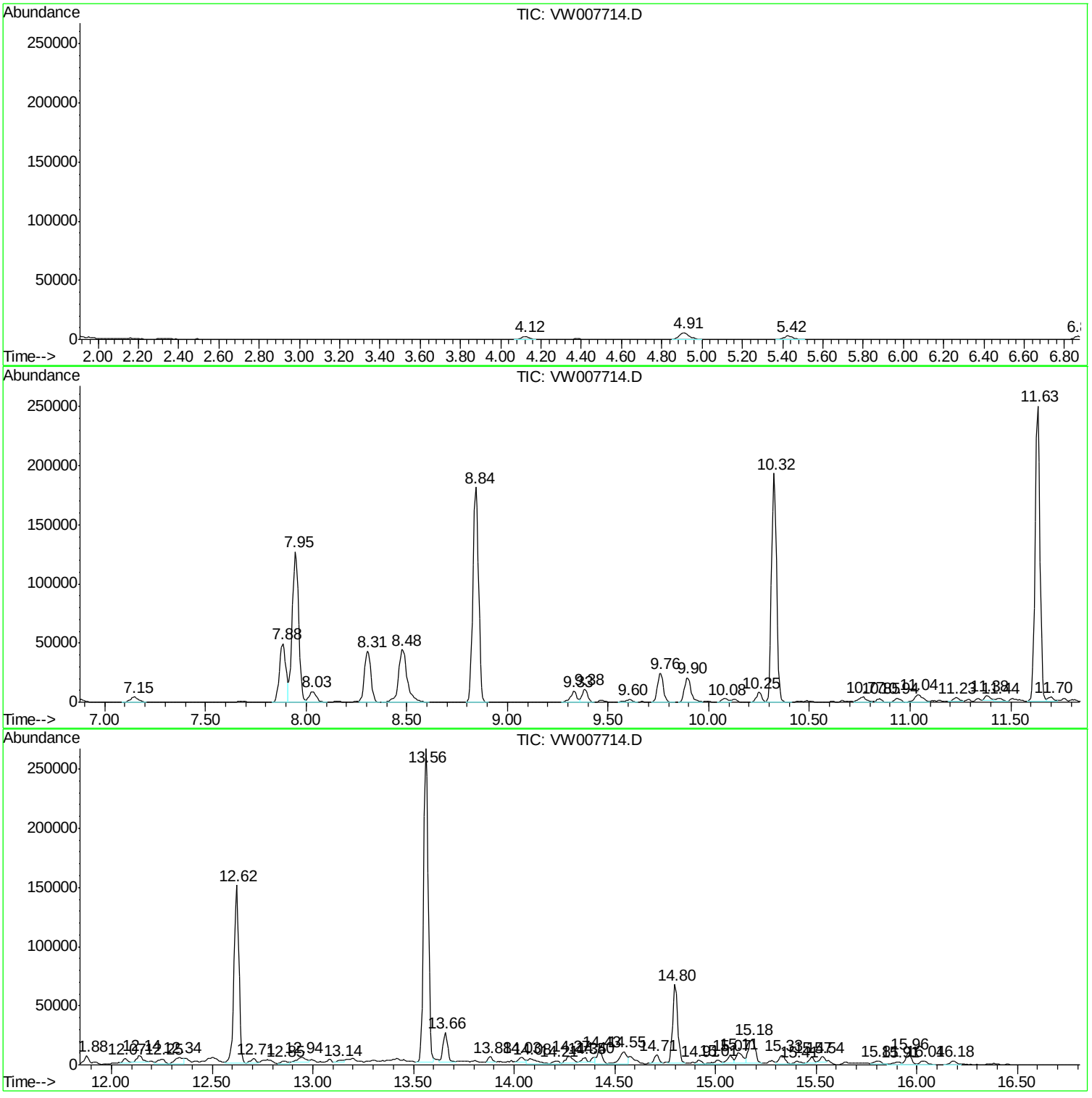
Misc : 6.05G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(7-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007714.D
Acq On : 19 Dec 2018 21:45
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Instrument : MSVOA_W
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Quant Title : SW846 8260

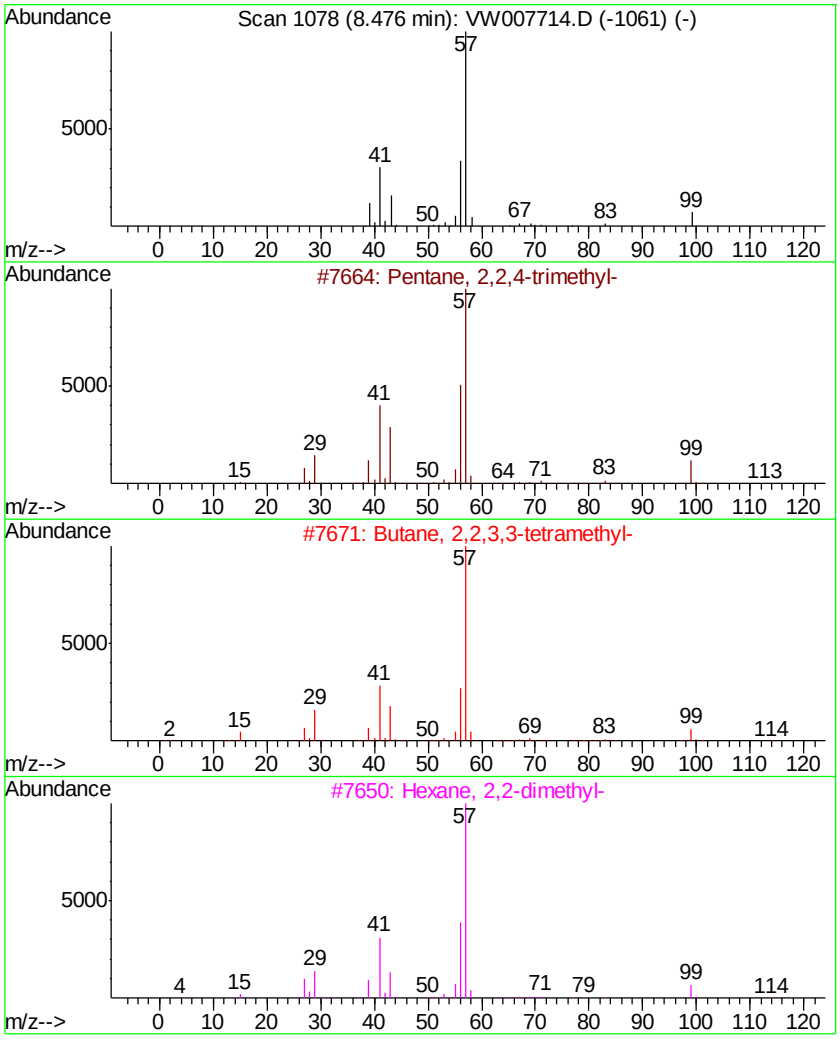
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

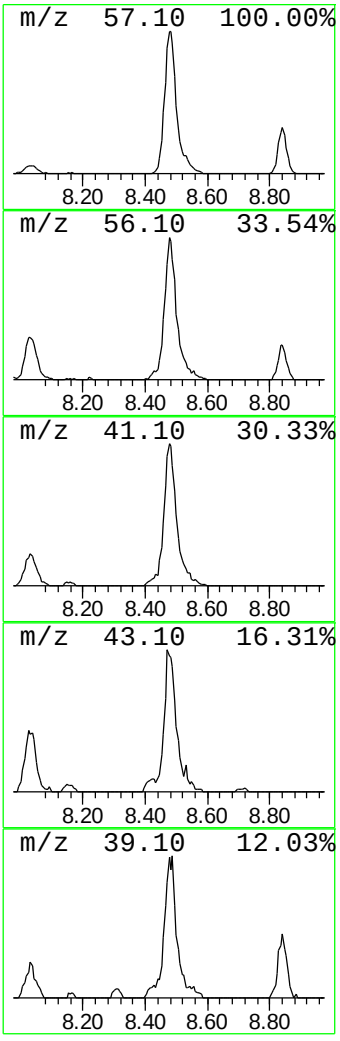
****

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	18.81 ug/l	134401	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





Library Search Compound Report

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Data File : VW007714.D
Acq On : 19 Dec 2018 21:45
Operator : SY/AP
Sample : J6392-05
Misc : 6.05G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(7-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

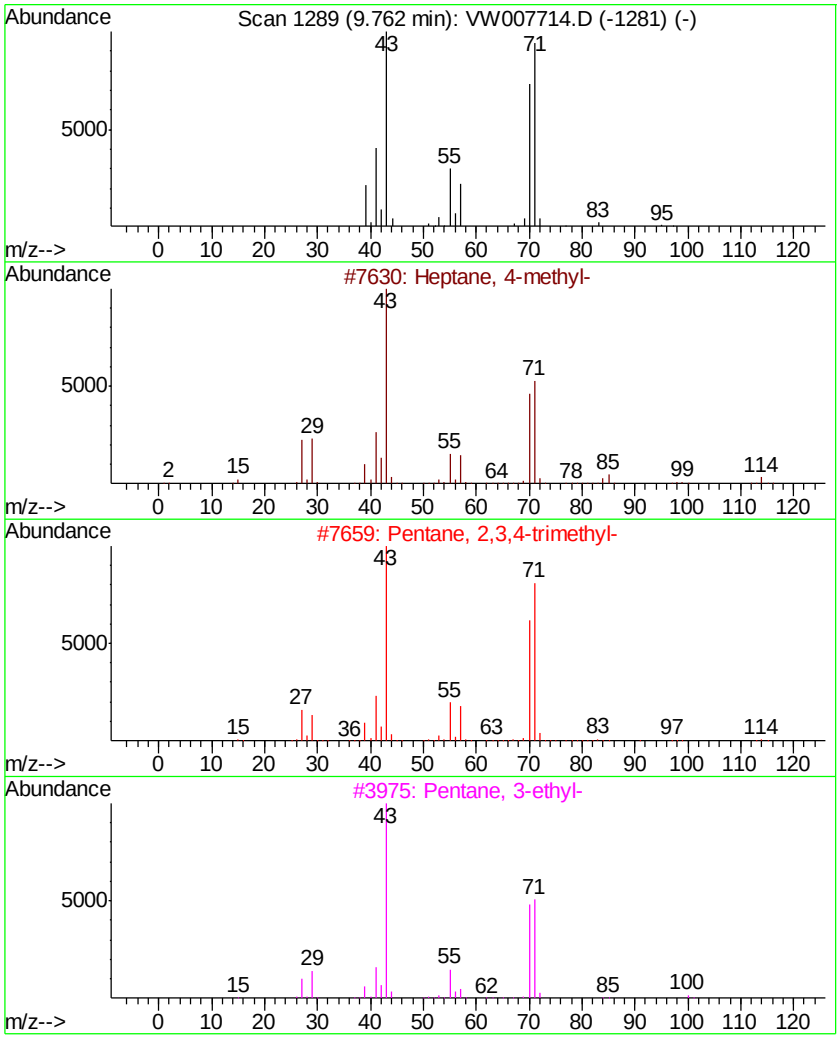
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

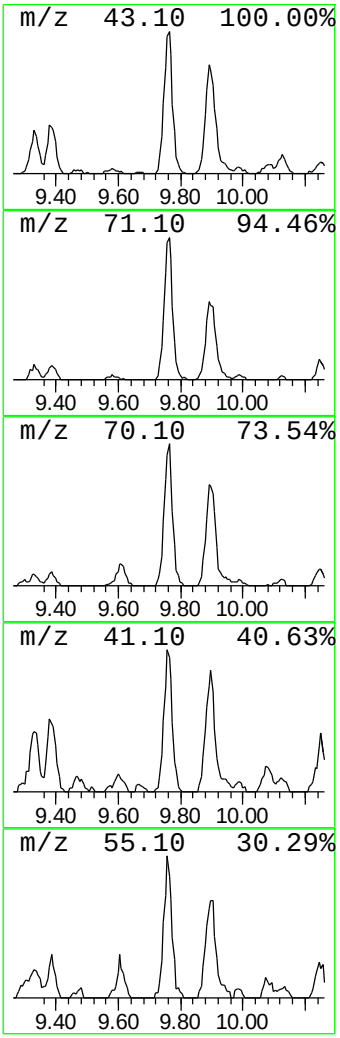
****

Peak Number 2 Heptane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	6.94 ug/l	49609	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	83
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007714.D
Acq On : 19 Dec 2018 21:45
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Sample : J6392-05
Misc : 6.05G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(7-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

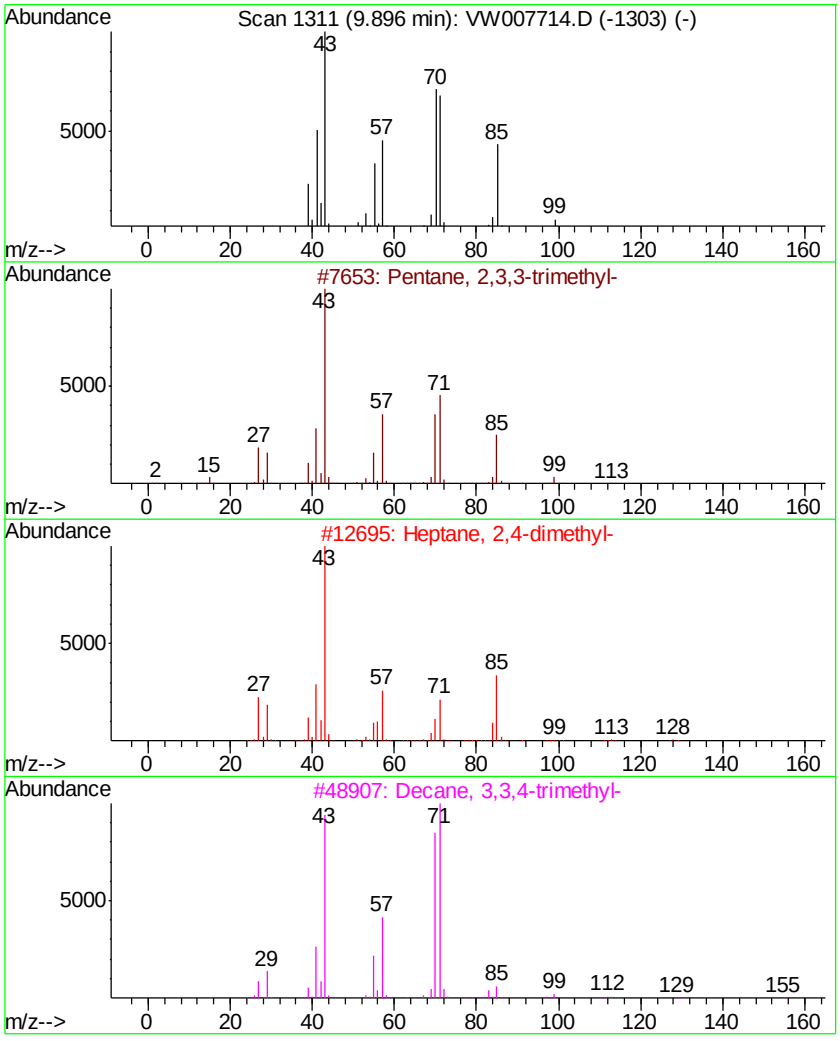
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

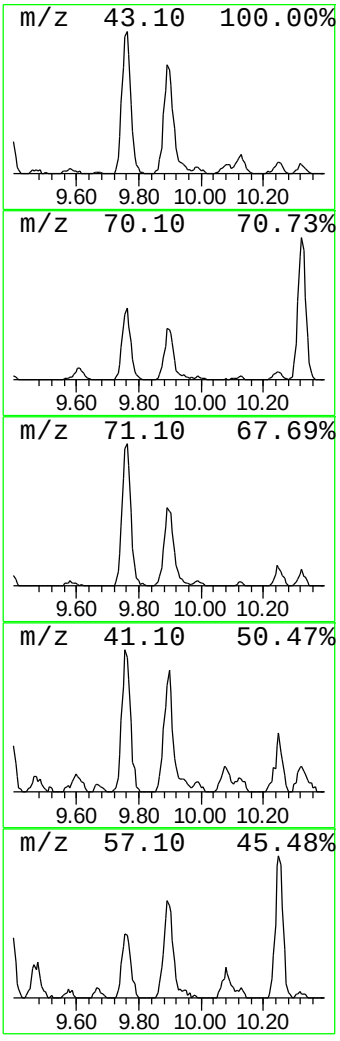
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	6.71 ug/l	47919	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4	Octane	114	C8H18	000111-65-9	50
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50





Library Search Compound Report

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Acq On : 19 Dec 2018 21:45
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Sample : J6392-05
Misc : 6.05G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(7-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

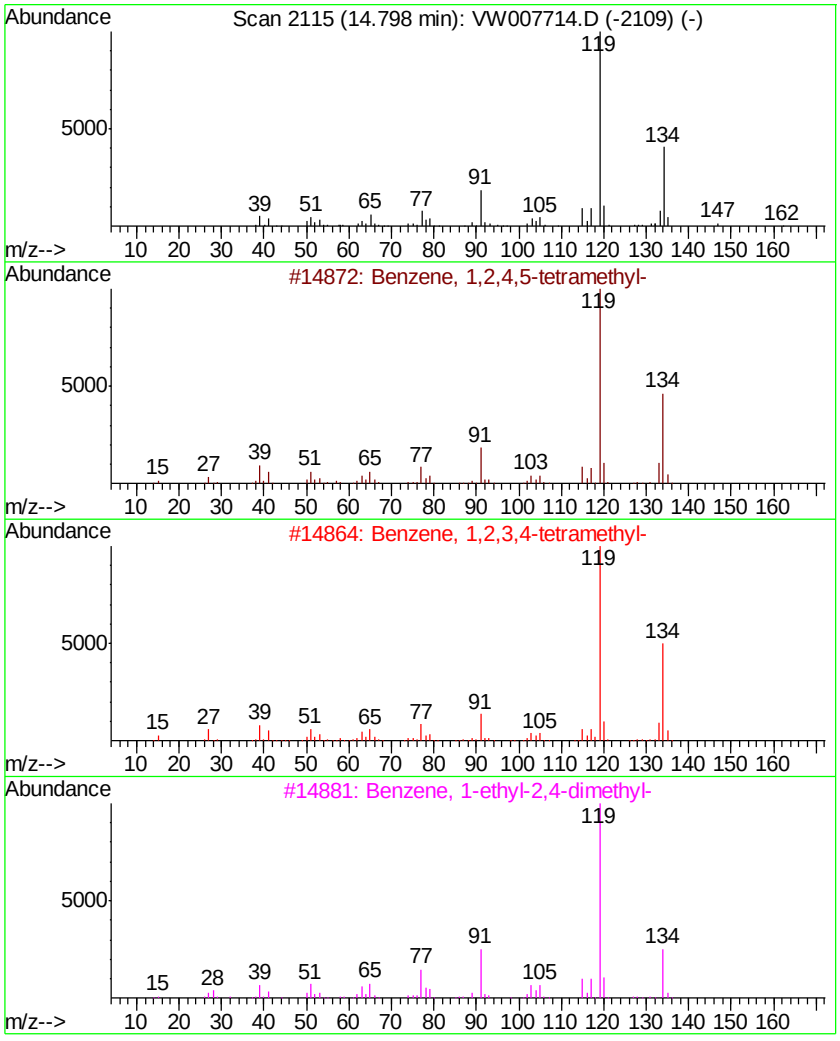
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

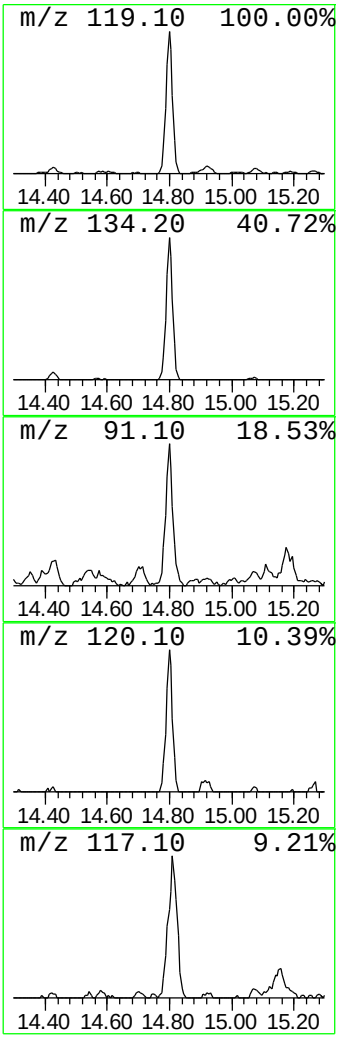
****

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	13.41 ug/l	114330	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(7-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

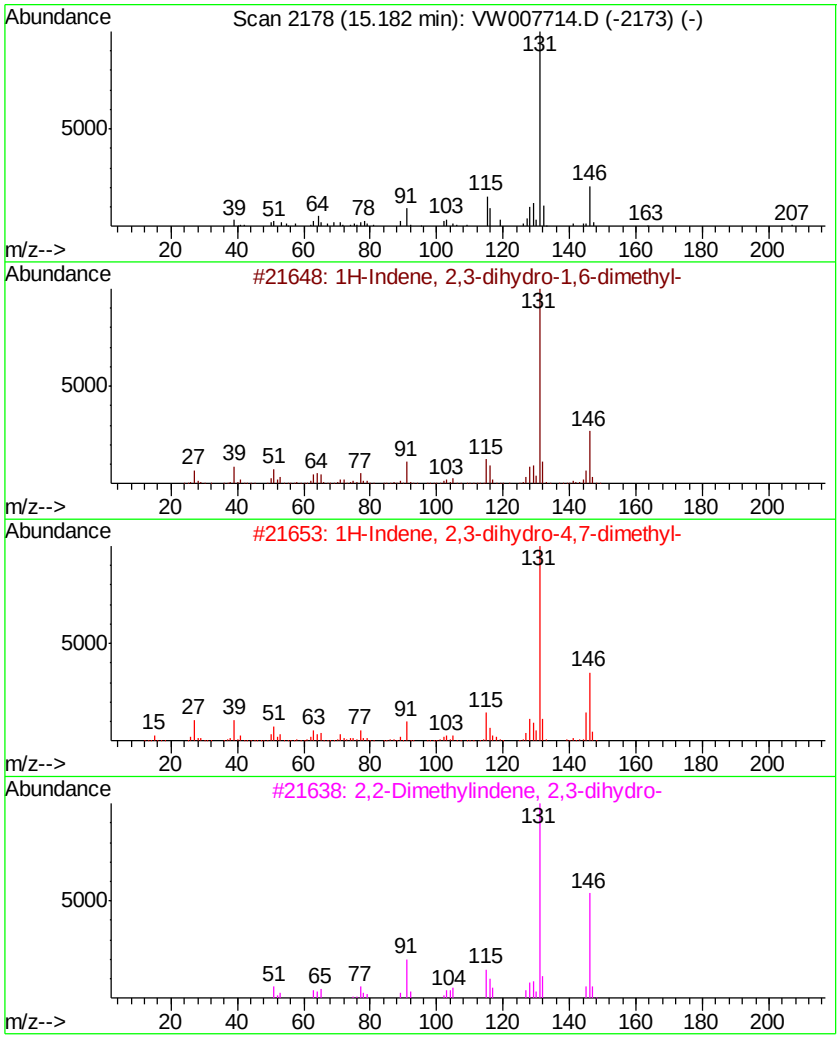
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

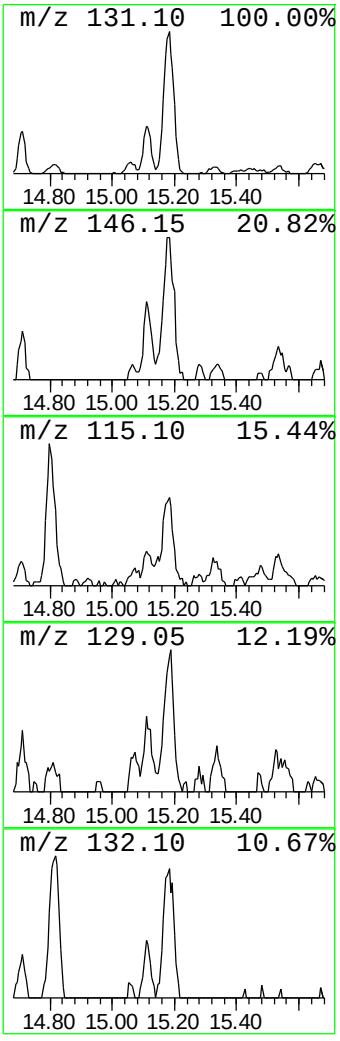
****

Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	5.42 ug/l	46181	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,2,4-tr...	8.48	18.8	ug/l	134401	2	8.84	357335	50.0
Heptane, 4-methyl-	9.76	6.9	ug/l	49609	2	8.84	357335	50.0
Pentane, 2,3,3-tr...	9.90	6.7	ug/l	47919	2	8.84	357335	50.0
Benzene, 1,2,4,5-...	14.80	13.4	ug/l	114330	4	13.56	426414	50.0
1H-Indene, 2,3-di...	15.18	5.4	ug/l	46181	4	13.56	426414	50.0